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AUG 26 2003

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmitted Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 26]
(unreduced arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed Sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 7]
5. Oath or Declaration [Total Pages 7]
 a. Newly executed (original or copy)
 b. Copy from a prior application (37 CFR 1.53 (d))
(for continuation/divisional) with Box 18 completed

i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.53(d)(2) and 1.33(b).
6. Application Data Sheet See 37 CFR 1.76

Attorney Docket No.	DB000591-001
First Inventor	R. Cohen, et al.
Title	MULTI-PORT MEMORY DEVICE WITH MULTIPLE MODES OF OPERATION AND IMPROVED EXPANSION CHARACTERISTICS
Express Mail Label No.	F11165387671US

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table of Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statements verifying identity of above copies

- | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| 9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))
37 CFR 3.73(b) Statement | <input type="checkbox"/> Power of Attorney |
| 10. <input checked="" type="checkbox"/> (when there is an assignee) | <input checked="" type="checkbox"/> Attorney |
| 11. <input type="checkbox"/> English Translation Document (if applicable) | |
| 12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 | <input type="checkbox"/> Copies of IDS Citations |
| 13. <input checked="" type="checkbox"/> Preliminary Amendment | |
| 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)
<small>(Should be specifically itemized)</small> | |
| 15. <input type="checkbox"/> Certified Copy of Priority Document(s)
<small>(if foreign priority is claimed)</small> | |
| 16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. | |
| 17. <input type="checkbox"/> Other: | |

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP)

of prior application No. 09 035,549

Prior application information: Examiner K. Ellis

Group Art Unit 2751

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label	REDACTED			<input type="checkbox"/> Correspondence address below
Name	Edward L. Pencoske, Esq.			
	Thorp Reed & Armstrong, LLP			
Address	One Riverfront Center			
City	Pittsburgh	State	PA	Zip Code 15222-4895
Country	U.S.A.	Telephone	412/394-7789	Fax 4123942555
Name (Print/Type)	Edward L. Pencoske	Registration No. (Attorney/Agent)	29,688	
Signature				Date 9 January 2001

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FEE TRANSMITTAL

for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 1,280.00)

Complete if Known

Application Number	09/757,290
Filing Date	9 January 2001
First Named Inventor	Cohen, et al
Examiner Name	Kevin L. Ellis
Art Unit	2188
Attorney Docket No.	DB000591-001

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Technology Center 2100

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None
 Deposit Account:

Deposit Account Number	20-0888
Deposit Account Name	Thorp, Reed & Armstrong, LLP

The Director is authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (#)	Fee	Small Entity Fee Code (#)	Fee	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)		(\$ 0)			

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Multiple Dependent	Extra Claims below	Fee from below	Fee Paid
			-20** =	x	
			- 3** =	x	

Large Entity Fee Code (#)	Fee	Small Entity Fee Code (#)	Fee	Fee Description
1202	15	2202	8	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claims, if not paid
1204	84	2204	42	" Reissue independent claims over original patent
1205	16	2205	9	" Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$ 0)		

** or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (#)	Fee	Fee Code (#)	Fee	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or cash	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for six parts reexamination	
1804	820*	1804	820*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	830	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to Institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1808	180	1808	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.128(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.128(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify) Unintentionally Delayed Priority Claim					\$1,280
*Reduced by Basic Filing Fee Paid					SUBTOTAL (3) (\$ 1,280)

(Complete if applicable)

SUBMITTED BY	Edward L. Pencoske	Registration No. / Attorney/Agent	29,688	Telephone 412-394-7789
Name (Print/Type)	Edward L. Pencoske	Registration No. / Attorney/Agent	29,688	Telephone 412-394-7789
Signature				
Date	8/26/03			

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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